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**WEAR-RESISTANT LUBRICATING OIL COMPOSITION****Publication number:** JP2002265971**Publication date:** 2002-09-18**Inventor:** BABA ZENJI**Applicant:** SHOWA SHELL SEKIYU**Classification:**

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**PROBLEM TO BE SOLVED:** To provide an ashless lubricating oil composition having an excellent wear resistance even under severe high-pressure, high-speed, and high-load conditions. **SOLUTION:** The lubricating oil composition is obtained by blending a lube base oil comprising a mineral oil and/or a synthetic oil with a &beta; - dithiophosphorylated propionic acid represented by the formula:  $S=P(-OR_{<1>})_2SCH_2CH(R_{<2>})COOH$  (wherein  $R_{<1>}$  is a 3-8C branched alkyl group; and  $R_{<2>}$  is H or a 1-4C alkyl group).

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